NOAA FORM 17-4 (4-81) U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Form Approved OMB Control No. 0648-0025
Expires 05/31/2021

INITIAL REPORT ON WEATHER MODIFICATION ACTIVITIES

This report is required by Public Law 92-205; 85 Stat. 735; 145 U.S.C. 330b. Knowing and willful violation of any rule adopted under the authority of Section 2 of Public Law 92-205 shall subject the person violating such rule to a fine of not more than $10,000, upon conviction thereof.

Complete in accordance with instructions on reverse and forward one copy to:
National Oceanic and Atmospheric Administration
Office of Oceanic and Atmospheric Research
1315 East-West Highway, WWMC-3, Rm 11216
Silver Spring, MD 20910

1. PROJECT OR ACTIVITY DESIGNATION, IF ANY
Tulare County Seeding Campaign Winter 2024

2. DATES OF PROJECT
a. DATE FIRST ACTUAL WEATHER MODIFICATION ACTIVITY IS TO BE UNDERTAKEN: 1/21/24
b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES: 3/23/24

3. PURPOSE OF PROJECT OR ACTIVITY
precipitation enhancement

4. (a) SPONSOR

NAME: Augustus Doricko
AFFILIATION: Rainmaker Technology Corp | PHONE NUMBER: 203 273-3579
STREET ADDRESS: 115 Eucalyptus Drive
CITY: El Segundo | STATE: CA | ZIP CODE: 90245

4. (b) OPERATOR

NAME: Augustus Doricko
AFFILIATION: Rainmaker Technology Co | PHONE NUMBER: 203 273-3579
STREET ADDRESS: 115 Eucalyptus Drive
CITY: El Segundo | STATE: CA | ZIP CODE: 90245

5. TARGET AND CONTROL AREAS (See Instructions)

TARGET AREA		CONTROL AREA	
LOCATION: Private Farm, Tulare County	SIZE OF AREA: 93.75 SQ. MI	LOCATION: N/A	SIZE OF AREA: 0 SQ. MI

6. DESCRIPTION OF WEATHER MODIFICATION APPARATUS, MODIFICATION AGENTS AND THEIR DISPERSAL RATES, THE TECHNIQUES EMPLOYED, ETC. (See Instructions)

C From January 21 to March 23, a cloud seeding campaign will be conducted over a private 60,000 acre property in Tulare County, CA. Aerial seeding will be conducted at 400ft. Liquid water will be used as a seeding agent and dispersed at rates of 300-500 g/hr. A doppler weather radar will be employed to characterize seeding results. Seeding will be conducted using a fixed-wing, battery-powered UxS.

7. LOG BOOKS *Enter name, affiliation, address, and telephone number of responsible individual from whom log books or other records may be obtained.*

NAME: Harrison Thomas
AFFILIATION: Rainmaker Technology Corporation | PHONE NUMBER: 8172289598
STREET ADDRESS: 115 Eucalyptus Drive
CITY: El Segundo | STATE: CA | ZIP CODE: 90245

8. SAFETY AND ENVIRONMENT

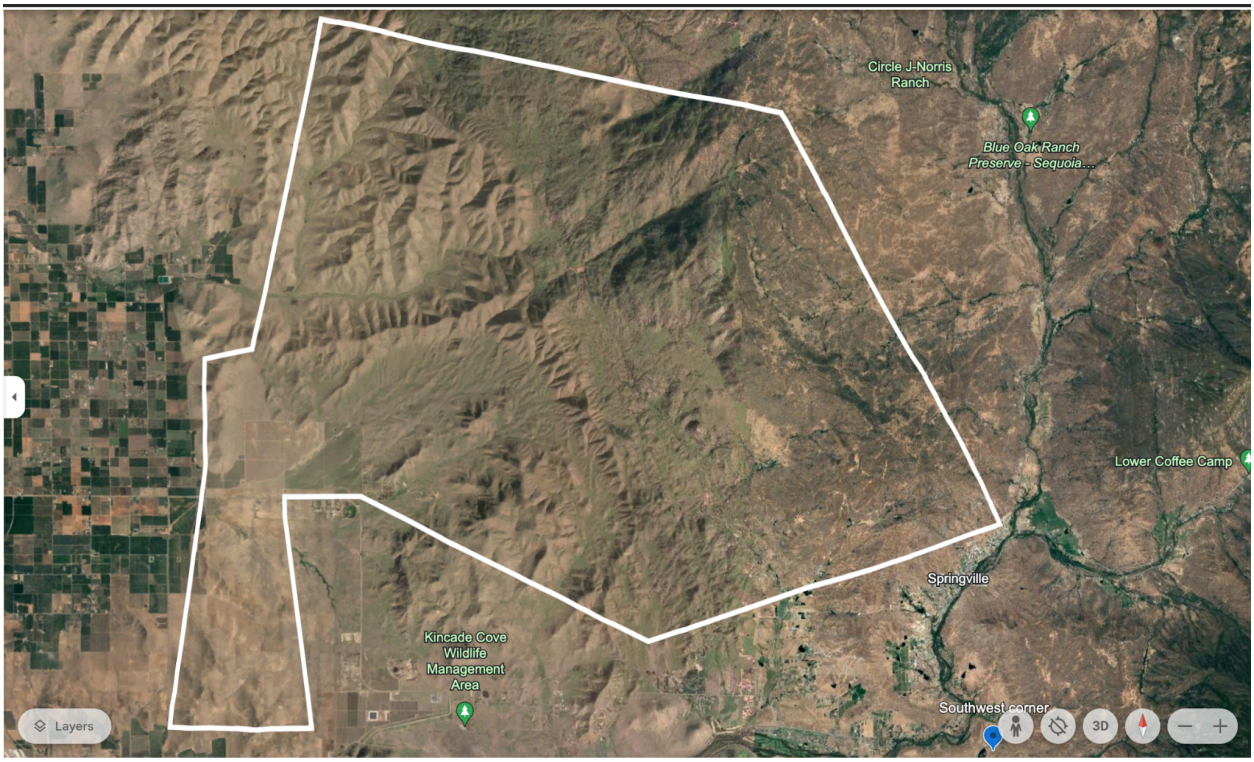
☐ YES	☑ NO	Has an Environmental Impact Statement, Federal or State, been filed? If yes, please furnish a copy as applicable.
☑ YES	☐ NO	Have provisions been made to acquire the latest forecasts, advisories, warnings, etc., of the National Weather Service, Forest Service, or others when issued prior to and during operations? If yes, please specify on a separate sheet.
☑ YES	☐ NO	Have any safety procedures (*operational constraints, provisions for suspension of operations, monitoring methods, etc.*) and any environmental guidelines (*related to the possible effects of the operations*) been included in the operational plans? If yes, please furnish copies or a description of the specific procedures and guidelines.

9. OPTIONAL REMARKS (See instructions. Use Separate Sheet).

CERTIFICATION: I certify that all statements in this report on this weather modification project are complete and correct to the best of my knowledge and are made in good faith.

NAME OF REPORTING PERSON: Augustus Doricko
AFFILIATION: Rainmaker Technology Corporation
SIGNATURE: Augustus Doricko
STREET ADDRESS: 115 Eucalyptus Drive
OFFICIAL TITLE: CEO
CITY: El Segundo | STATE: CA | ZIP CODE: 90245
DATE: 1/9/23 | PHONE NUMBER: 2032733579

Target Area (Item 5):



Safety & Environment (Item 8):

Suspension Criteria:

During periods of hazardous weather phenomena associated with both winter orographic and convective precipitation systems, it is sometimes necessary or advisable for the National Weather Service (NWS) to issue special weather bulletins advising the public of the weather phenomena. Those of potential concern in the conduct of this cloud seeding program include the following:

Flash Flood Warnings - Issued by the NWS when flash flooding is imminent or in progress.

Seeding operations may be suspended whenever the NWS issues a flood warning for or adjacent to the target area. Flash Flood Warnings are usually issued when heavy rainfall is expected, or when moderate rainfall is expected for extended periods. These are unlikely to occur in this region during the winter season. Other types of flood advisories may be issued as well and should be examined to see whether a suspension is warranted.